

GABRIELLA-45-M

~25° medium beam with holder

SPECIFICATION:

Dimensions	Ø 45.0 mm
Height	28.9 mm
Fastening	screw
ROHS compliant	yes ⓘ

MATERIALS:

Component	Type	Material	Colour	Finish
C15810_GABRIELLA-45-M	Single lens	PMMA	clear	
C15528_GABRIELLA-45-HLD	Holder	PC	black	

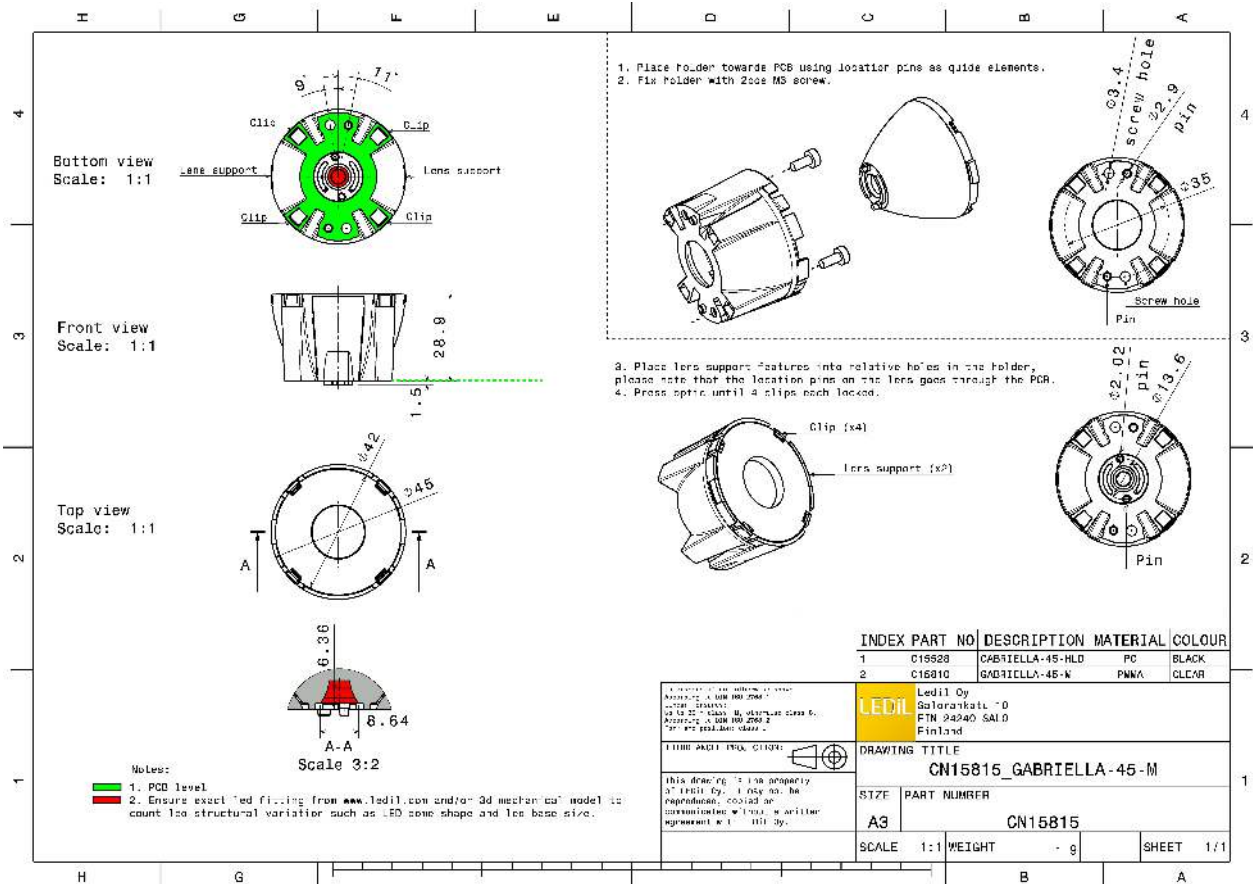
ORDERING INFORMATION:

Quantities for one set:

Single lens	1
Holder	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C15810_GABRIELLA-45-M	Single lens	405	90	45	11.3
» Box size: 476 x 273 x 292 mm					
C15528_GABRIELLA-45-HLD	Holder	405	90	45	5.1
» Box size: 476 x 273 x 292 mm					

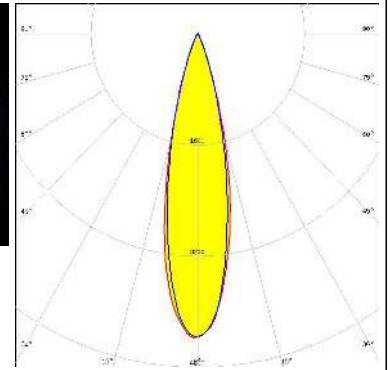
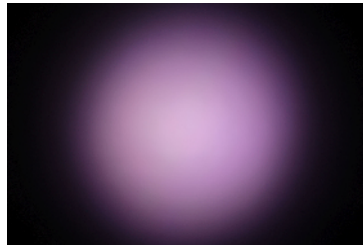


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

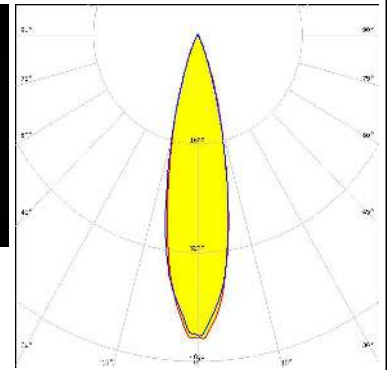
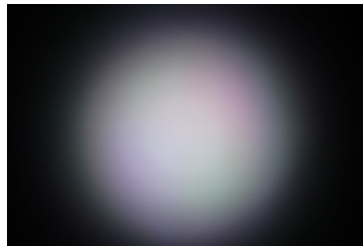
LUMILEDS

LED LUXEON 5052 RGBW
 FWHM / FWTM 24.0° / 43.0°
 Efficiency 89 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour RGBW
 Required components:



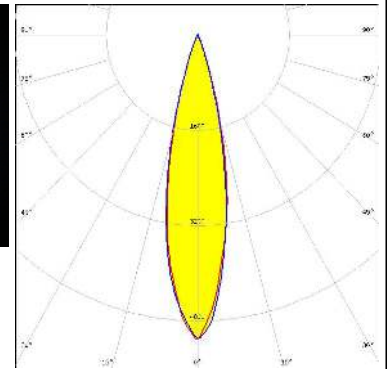
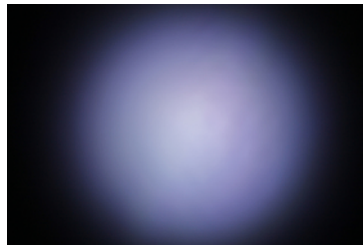
LUMILEDS

LED LUXEON CZ
 FWHM / FWTM 23.0° / 43.0°
 Efficiency 89 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



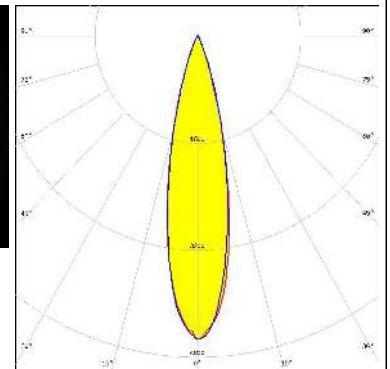
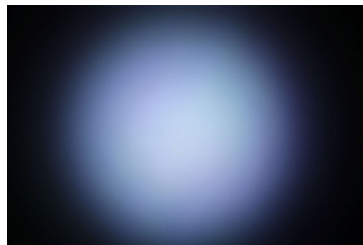
LUMINUS

LED SBM-40-RGBW
 FWHM / FWTM 23.0° / 39.0°
 Efficiency 89 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

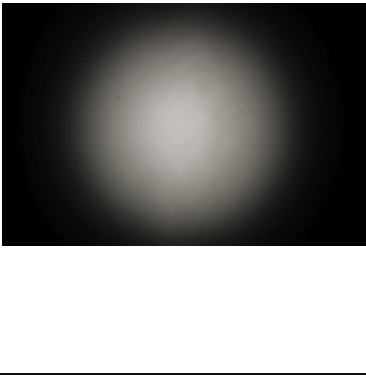
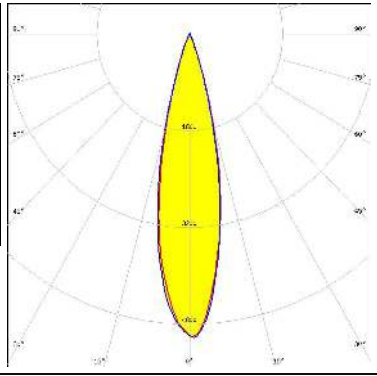

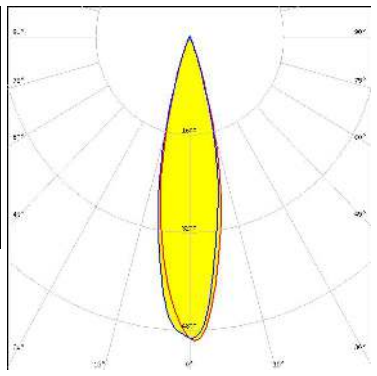

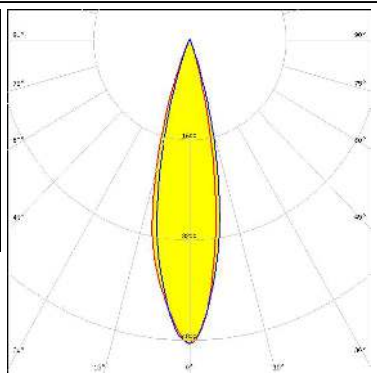

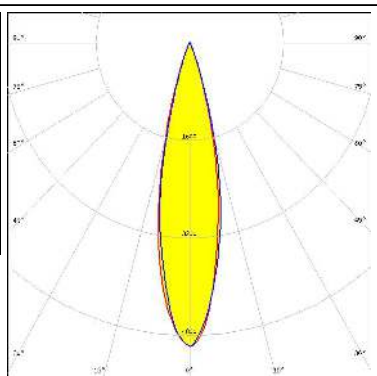


NICHIA


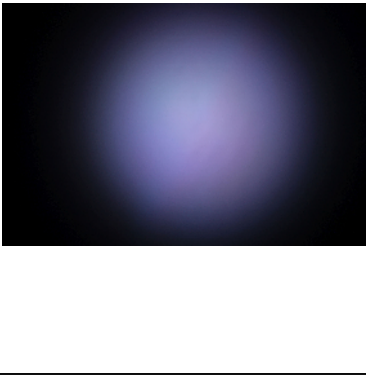
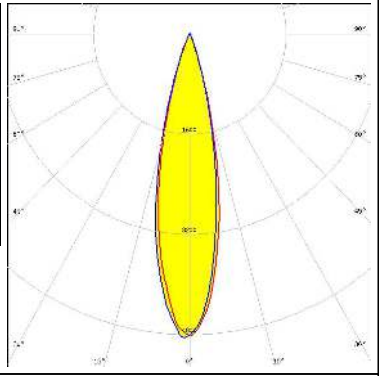


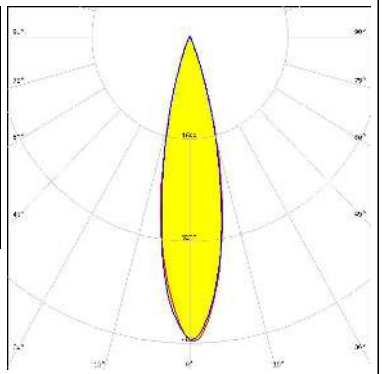
LED NCSxE17A
 FWHM / FWTM 24.0° / 42.0°
 Efficiency 90 %
 Peak intensity 4.6 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:




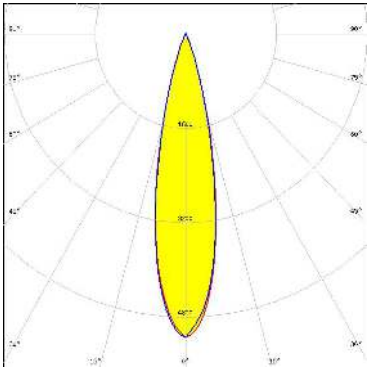

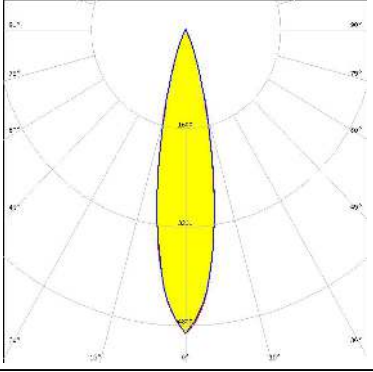

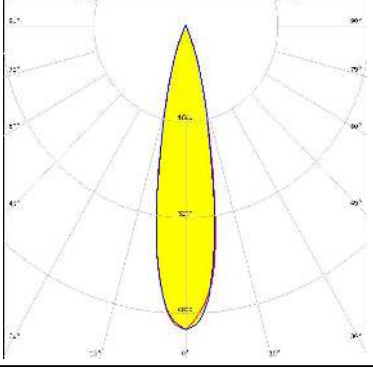

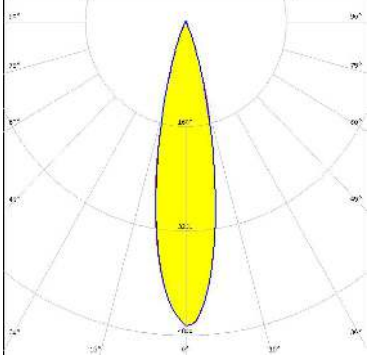
OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NVSW219F FWHM / FWTM 24.0° / 40.0° Efficiency 90 % Peak intensity 5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLON Square EC FWHM / FWTM 24.0° / 39.0° Efficiency 88 % Peak intensity 5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED Ostar-SMT RGB FWHM / FWTM 24.0° / 40.0° Efficiency 90 % Peak intensity 4.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0A FWHM / FWTM 24.0° / 39.0° Efficiency 88 % Peak intensity 5 cd/lm LEDs/each optic 1 Light colour RGBW Required components:</p>		


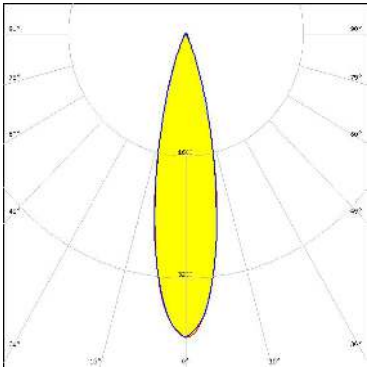

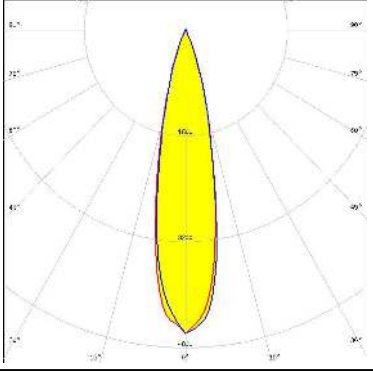

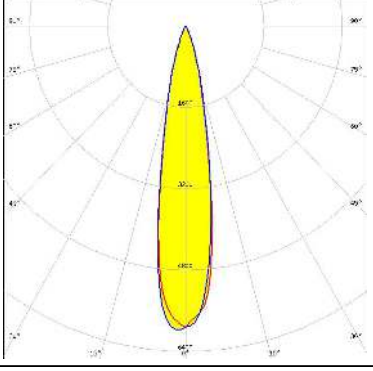

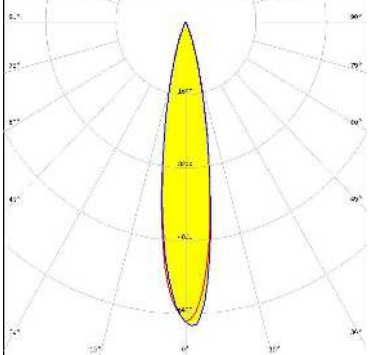
OPTICAL RESULTS (MEASURED):

<p> SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0B</p> <p>FWHM / FWTM 24.0° / 40.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 4.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		
<p> SEOUL SEMICONDUCTOR</p> <p>LED SPF05F0C</p> <p>FWHM / FWTM 24.0° / 41.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 4.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>		


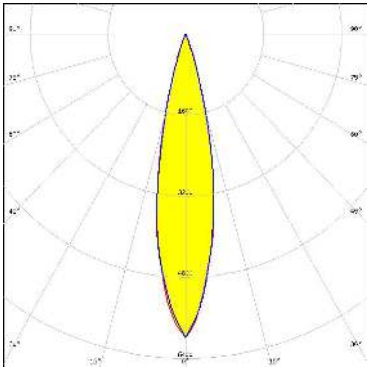


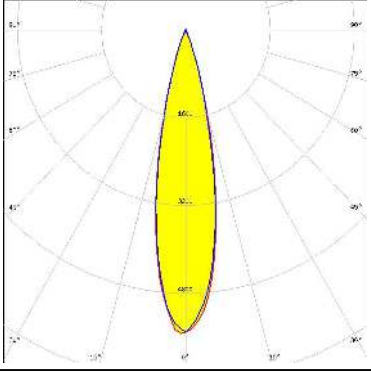

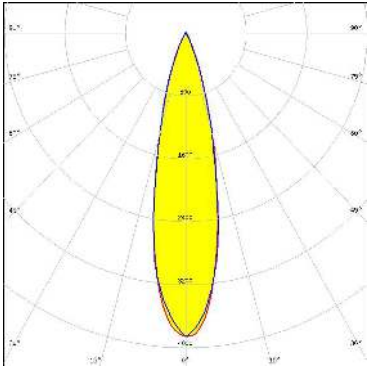

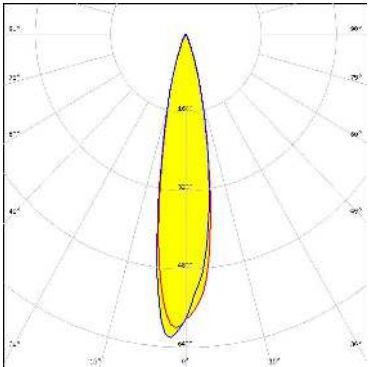
OPTICAL RESULTS (SIMULATED):

	<p>LED J Series 5050 Round LES FWHM / FWTM 23.0° / 40.0° Efficiency 92 % Peak intensity 5.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XHP35.2 HD FWHM / FWTM 22.0° / 40.0° Efficiency 88 % Peak intensity 4.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XHP50.2 FWHM / FWTM 22.0° / 40.0° Efficiency 89 % Peak intensity 5.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XHP50.3 HD FWHM / FWTM 22.0° / 42.0° Efficiency 88 % Peak intensity 4.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

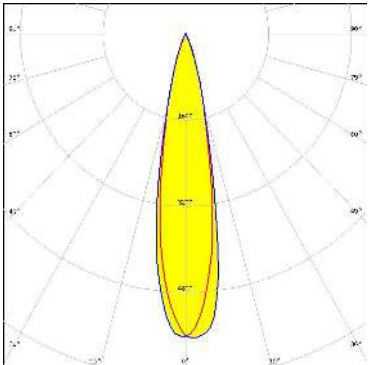
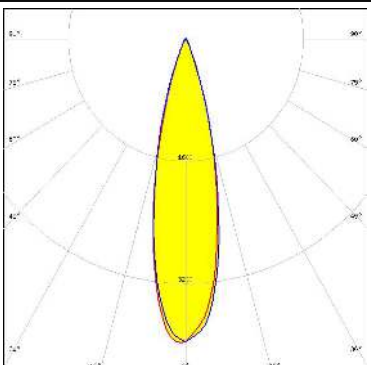
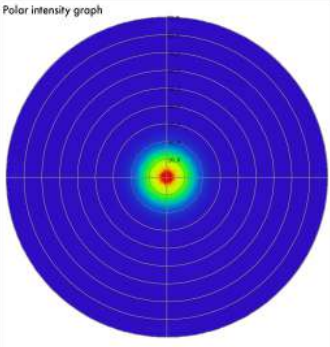
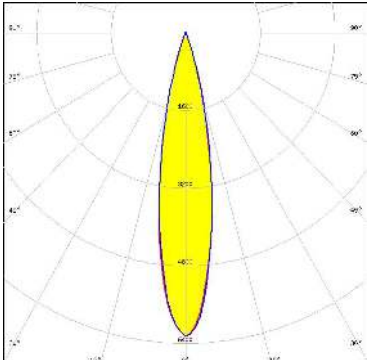
OPTICAL RESULTS (SIMULATED):

	<p>LED XHP70.2 FWHM / FWTM 24.0° / 44.0° Efficiency 87 % Peak intensity 4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XM-L RGBW (XMLCTW) FWHM / FWTM 23.0° / 42.0° Efficiency 85 % Peak intensity 4.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED XM-L RGBW (XMLDCL HD) FWHM / FWTM 20.0° / 39.0° Efficiency 92 % Peak intensity 6.3 cd/lm LEDs/each optic 1 Light colour RGBW Required components:</p>	
	<p>LED XM-L RGBW (XMLDCL HI) FWHM / FWTM 19.0 + 18.0° / 38.0° Efficiency 92 % Peak intensity 6.7 cd/lm LEDs/each optic 1 Light colour RGBW Required components:</p>	

OPTICAL RESULTS (SIMULATED):

	<p>LED XP-E2 FWHM / FWTM 22.0° / 38.0° Efficiency 92 % Peak intensity 6 cd/Im LEDs/each optic 1 Light colour Amber Required components:</p>		
	<p>LED LZ7 Plus (LZ7-04M2PD) FWHM / FWTM 23.0° / 39.0° Efficiency 93 % Peak intensity 5.5 cd/Im LEDs/each optic 1 Light colour White Required components:</p>		
	<p>LED LUXEON C FWHM / FWTM 24.0° Efficiency 86 % Peak intensity 4 cd/Im LEDs/each optic 4 Light colour RGBW Required components:</p>		
	<p>LED LUXEON Rubix FWHM / FWTM 20.0 + 19.0° / 38.0° Efficiency 93 % Peak intensity 6.8 cd/Im LEDs/each optic 4 Light colour RGBW Required components:</p>		

OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED: DURIS E 5050 (GW J9LHS1.4M)</p> <p>FWHM / FWTM: 20.0 + 22.0° / 39.0 + 40.0°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 5.6 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: RGBW</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSTAR Stage (S2WP)</p> <p>FWHM / FWTM: 25.0°</p> <p>Efficiency: 86 %</p> <p>Peak intensity: 4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: SFH 4717AS</p> <p>FWHM / FWTM: 20.0° / 36.0°</p> <p>Efficiency: 92 %</p> <p>LEDs/each optic: 1</p> <p>Light colour: IR</p> <p>Required components:</p>	<div style="display: flex; justify-content: space-around;"> <div data-bbox="770 1227 1110 1585"> <p>Polar intensity graph</p>  </div> <div data-bbox="1129 1227 1501 1585">  </div> </div>

GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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